



HI462



## Change-over switch 4P 1250A

### Technical properties

#### Architecture

Type of order	Long thumb-grip
Number of poles	4 P
Type of pole	4 P
Type of case	Fixed built-in

#### Functions

Reversing switch	Yes
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#### Controls and indicators

Motor drive integrated	No
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#### Main electrical features

Rated operational voltage Ue	380 / 400 / 500 / 690 V
Frequency	50/60 Hz

#### Voltage

Rated insulation voltage	1000 V
Rated impulse withstand voltage	12000 V
Rated operational voltage in DC	260 / 400 / 500 V

#### Electric current

Rated operational current in AC21 category B	1250 A
Acceptable current rating with AC22 category A	1250 A
Rated current	1250 A
Short-circuit current with gI-gG fuses	100 kA
Rated short-time withstand current 1s	35 kA
Thermal rated current outside of housings	1250 A
Rated operational current in AC21 category A	1250 A
Acceptable current rating with AC22 category B	1250 A
Rated operational current in AC23 category A	630 A
Acceptable current rating with AC23 category B	1250 A

#### Dimensions

Depth of installed product	375 mm
Height of installed product	330 mm

Width of installed product 466 mm

### Power

Nominal power under 440/500, 50Hz	710 kW
Nominal power under 660 V, 50 Hz	600 kW
Active power under 380/415 V, 50 Hz	710 kW
Total power loss under IN	279.9 W
Power loss per pole at In	93.3 W
Contact rating with 400 V in AC1	822 kW

### Endurance

Electrical durability at nominal load in AC21 in operating cycles	500
Electrical durability at nominal load in AC22 in operating cycles	100
Number of mechanical operations	4000

### Cover, door

Interlockable	Yes
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### Connection

Connection cross-sect. rigid cable	4x185mm <sup>2</sup>
Type of connection	Terminal

### Equipment

Number of auxiliary contacts as normally closed contact	0
Number of auxiliary contacts as normally open contact	0
Number of auxiliary contacts as change-over contact	0
Motor drive optional	No

### Standards

Standard text	IEC 60947-3
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### Use conditions

Operating temperature	-20...70 °C
Air humidity protection	yes according to IEC 68-2-30
Storage/transport temperature	-40...65 °C